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# Example of Civil Design Engineer Job Description

Our growing company is looking for a civil design engineer. Please review the list of responsibilities and qualifications. While this is our ideal list, we will consider candidates that do not necessarily have all of the qualifications, but have sufficient experience and talent.

## Responsibilities for civil design engineer

* Performs planning and design activities for the public works projects such as street improvements including residential street rehabilitation, street widening, intersection widening, storm drain and site development projects
* Performs hydrology and hydraulics modeling
* Familiarity with local street and drainage requirements
* Experience in local land development process and regulatory permitting agencies
* Performs development plan checking and staff augmentation
* Performs pipeline design and supporting hydraulic and structural calculations
* Performs and/support water/wastewater related infrastructure projects
* Preparation of technical reports in support of the project development
* Provides construction support services such as reviewing shop drawings for conformance with contract documents
* Prepares cost and quantity estimates

## Qualifications for civil design engineer

* Motivated to deliver to a high quality
* Intermediate knowledge of engineering design principles and applicable design guidelines
* Civil Engineering (min bach degree)
* BS in Civil Engineering, MS in Civil Engineering preferred
* Recent graduate to 2 years of relevant experience
* General understanding of U.S. environmental regulations